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LL0030 - Linear Low Density Polyethylene Material Information Sheet

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|---|---|---------------|--------|
| Material | .003" Linear Low Density Polyethylene Film, 1% EVA | Item # | LL0030 |
| Product Description | .003" Linear Low Density Polyethylene Film, 1% EVA | | |
| FDA Status | This Product complies with the Food and Drug Administration regulation 21 CFR177.1350, which allows for the use of olefin polymers in articles of components of articles that are intended for use in direct contact with food. | | |
| Physical Properties (Typical Values) | | | |
| Area Yield | Approx.10821 sq. in./ LB | | |
| Total Thickness (Gauge) | 0.03 ± 10% (ASTM D 1709) | | |
| Dart Impact | 580 gm | | |
| 1% Secant Modulus | MD 31621 PSI TD 33401 PSI (ASTM D 882) | | |
| Tensile Yield | MD 1381 PSI TD 1422 PSI (ASTM D 882) | | |
| Ultimate Tensile | MD 3962 PSI TD 4145 PSI (ASTM D 882) | | |
| Ultimate Elongation (%) | MD 914 TD 1120 (ASTM D 882) | | |
| Gloss (45) | 51 (ASTM D 2457) | | |
| Haze (%) | 27 (ASTM D 1003) | | |
| Seal Strength to Coated Tyvek (CT1059) | 0.75 PLI Minimum (PG2011 or Equivalent burst Pressure using PG2012) | | |
| Coefficient of Friction | 0.125 (ASTM D 1894) | | |

*Calculated value

These physical properties listed above, are not meant for customer specifications development. Customers are solely responsible for determining the suitability of this product for their intended use.